DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	202 R1	1204

Caltrans Metric

12/19/02
REGISTERED ELECTRICAL ENGINEER DATE

12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JENS ERLINGSSON No. 8249 Exp. 9/30/06 ELECTRICAL STATE OF CALIFORNIA

PB POWER, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317

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UTILITY PANEL UP-207 (CKT #2098)

Location: SAS SUPERSTRUCTURE SERVICE PLATFORM #7

LOAD DESCRIPTION	LTG	REC	OTH.	CB		CB	LTG	REC	OTH.	LOAD DESCRIPTION
Recept (1) Eastbound North Barrier		180		20/1	1 A 2	20/1				Spare
Spare				20/1	3 B 4	20/1				Spare
Recept (2) Service Platform #7		360		20/1	5 C 6	20/1				Spare
Recept (2) Girder		360		20/1	7 A 8	20/1	738			Girder Lighting (18)
Spare				20/1	9 B 10	30/1 (1)			2000	Controller Cabinet #TOS-7EA
				20/1	11 C 12	20/1				Spare
TOTAL WATTS		900					738		2000	TOTAL VA

LOAD SUMMARY (INCLUDES .90 PF) (VA)

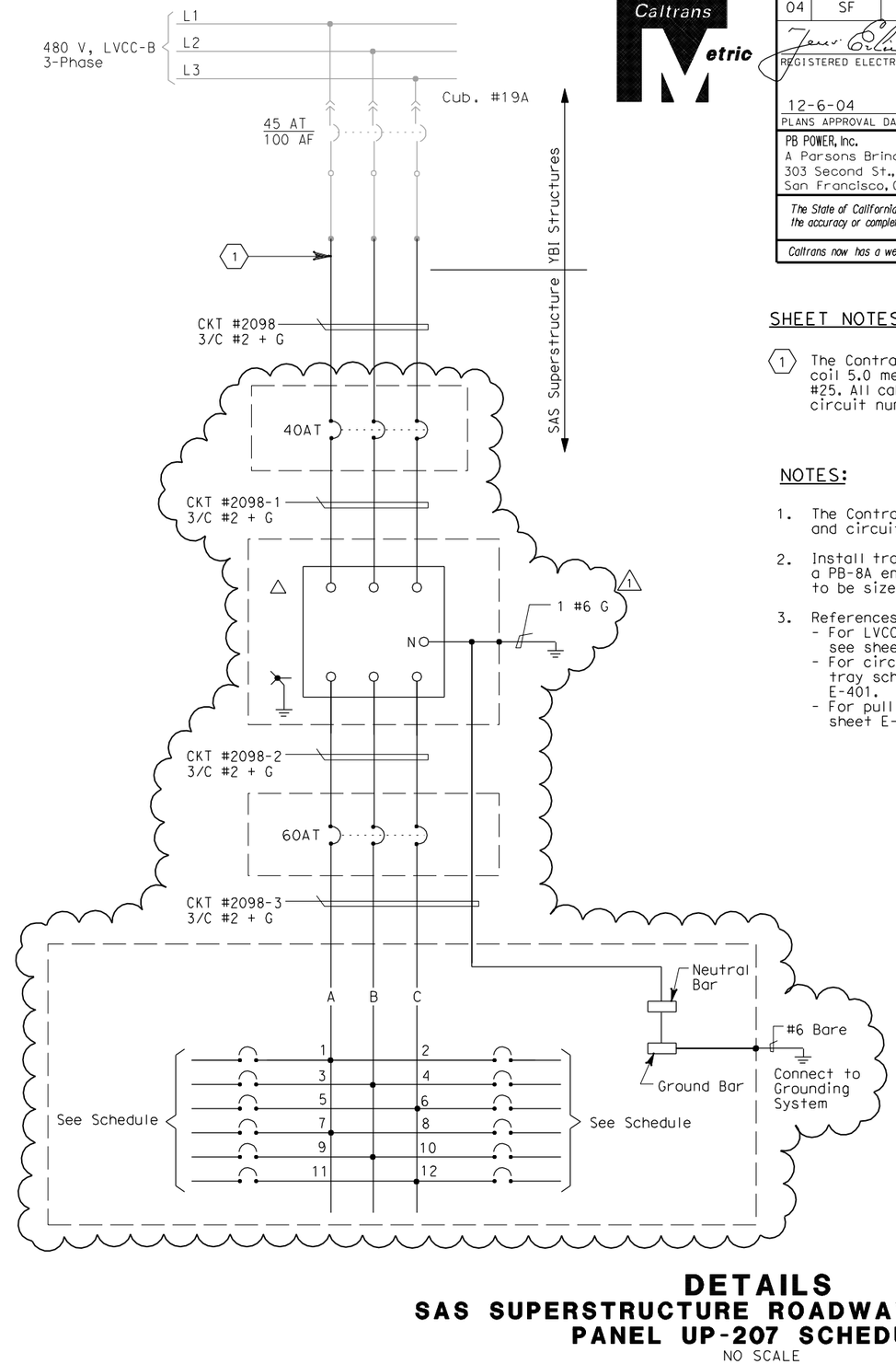
Lighting (At 100%): 738
Gen Use (1st 10 kVA at 100% Plus 50% of remainder): 2900

TOTAL kVA: 3.638

BALANCE (kVA)

Phase A - 1.278
Phase B - 2.000
Phase C - 0.360

VOLTAGE: 208/120 V
PHASE/WIRES: 3-phase, 4-wire
BUS RATING: 100 A
MAIN: MAIN LUGS ONLY (1)
MOUNTING: Surface
K.A.I.C.: 10



SHEET NOTES:

(1) The Contractor shall extend and coil 5.0 meters of cable in manhole #25. All cables shall be tagged with circuit numbers as shown.

NOTES:

1. The Contractor shall provide nameplates and circuit schedules as shown.
2. Install transformer/panelboard inside a PB-8A enclosure (fiberglass) to be sized by the Contractor.
3. References:
   - For LVCC-B single line diagram, see sheets E-32 thru E-34.
   - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
   - For pull box schedule, see sheet E-169.

REGISTERED PROFESSIONAL ENGINEER FADI WALIEDDINE No. 11465 Exp. 12/31/2009 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	10/30/08	SERVICE PLATFORM ELECTRICAL CHANGES	RR MP	RG FW	55

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF_____

DETAILS
SAS SUPERSTRUCTURE ROADWAY EASTBOUND PANEL UP-207 SCHEDULE
NO SCALE

E-153

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT: BEHZAD GOLEMOHAMMADI
CALCULATED/DESIGNED BY: JP DATE 7/01
CHECKED BY: BL 12/01
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 10/29/2008
TIME PLOTTED => 2:25:19 PM

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

DGN FILE =>T:\13103\MS\pse\SAS Struc\CCO\SAS CC055\2008-10-10_Issued for Submittal\04-0120f1_0202R01.dgn
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